



JANUARY PHASE 1 PROJECT UPDATES

Wastewater - Selectmen

January 2023

Presented 2-27-2023

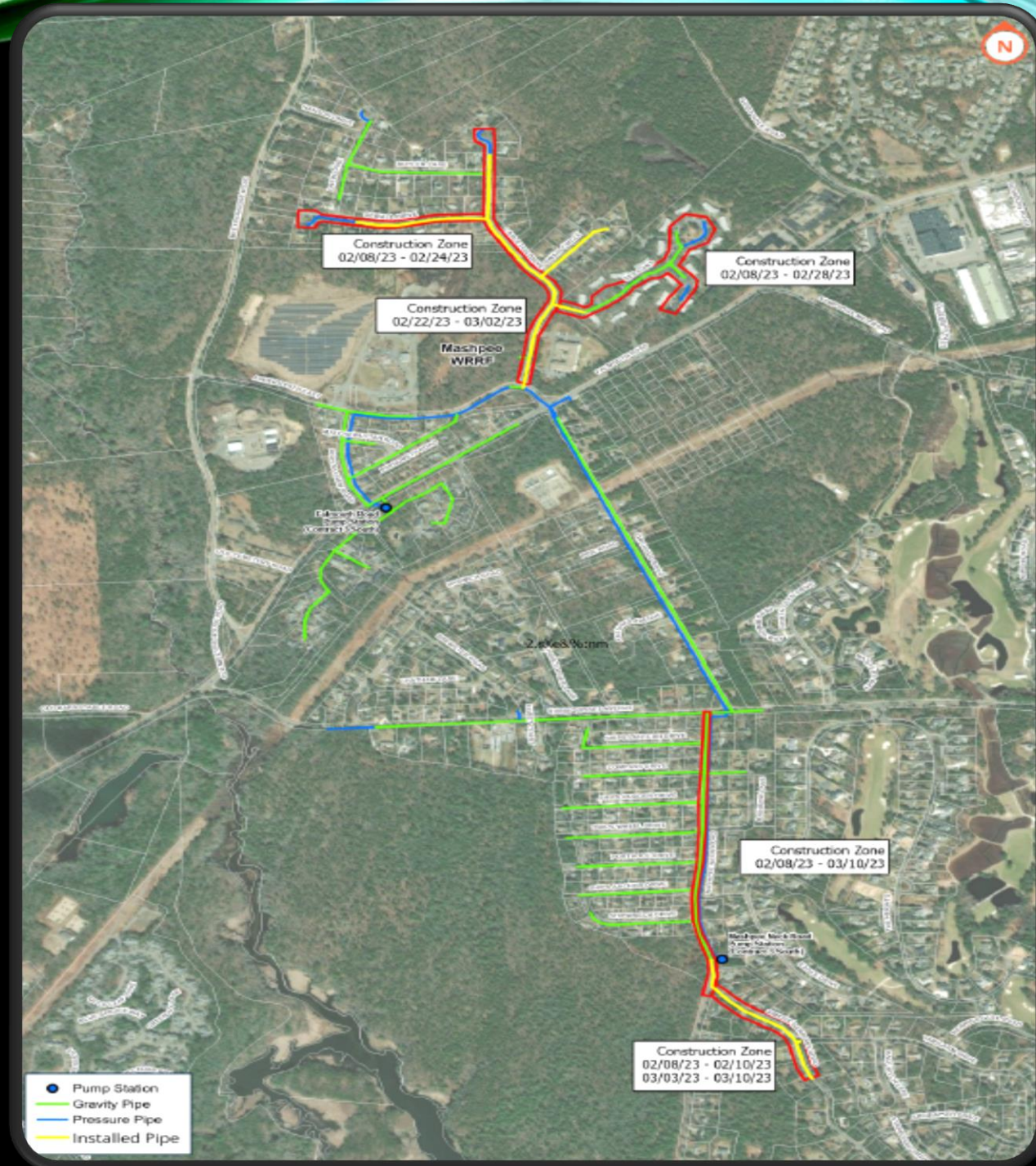
GROUNDBREAKING - DECEMBER 8, 2022



GROUNDBREAKING - DECEMBER 8, 2022



PROJECT AREA

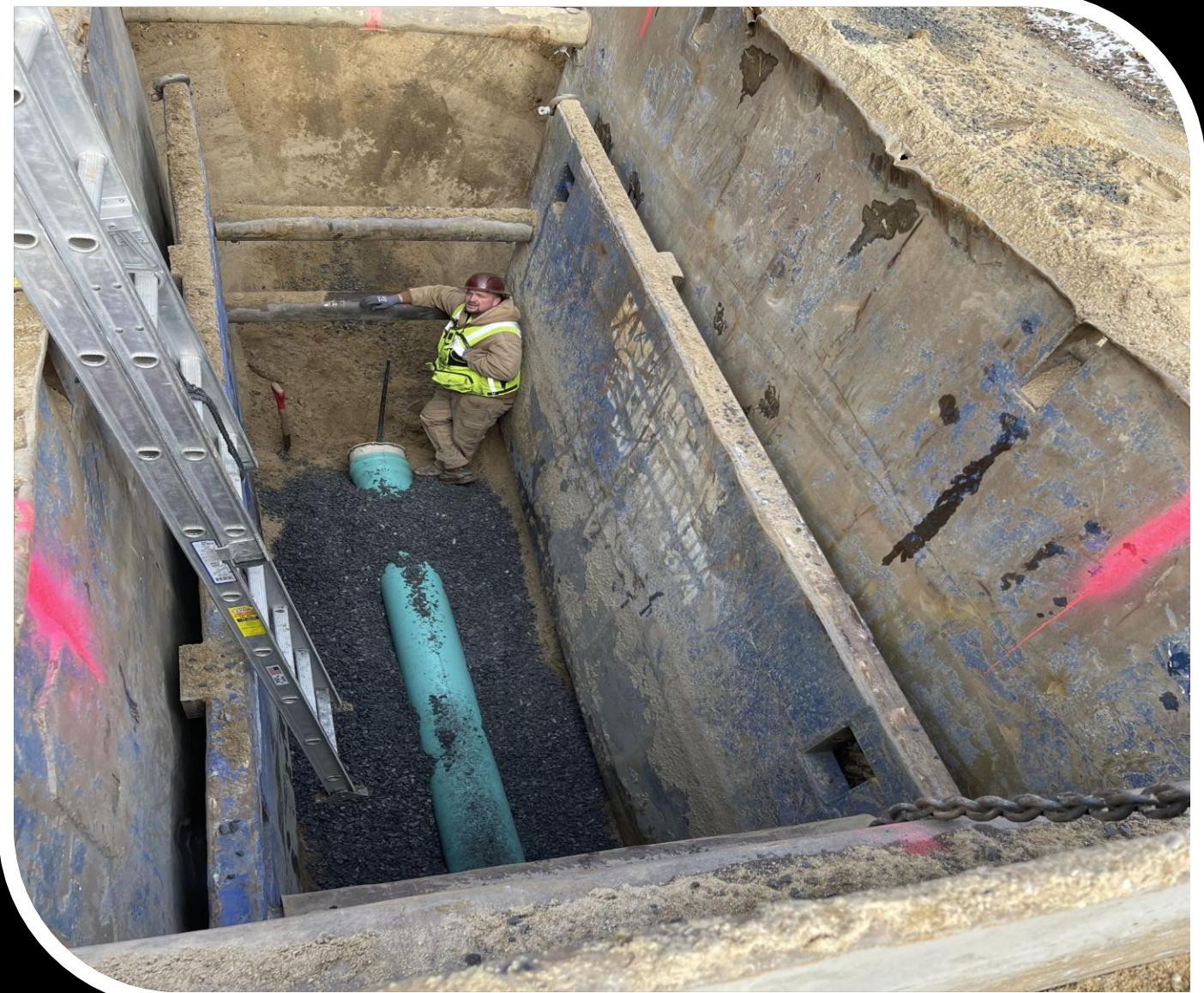


PLANT



COLLECTION NORTH:

- 12" main on Carlton - Ashers to end
- Connection for plant
- Connection for Ashers Apts
- Connection for Sea Oaks
- Service connections on Carlton
- 8" main on Swain
- Service connections on Swain
- 8" main on Sewall
- Service connections on Sewall



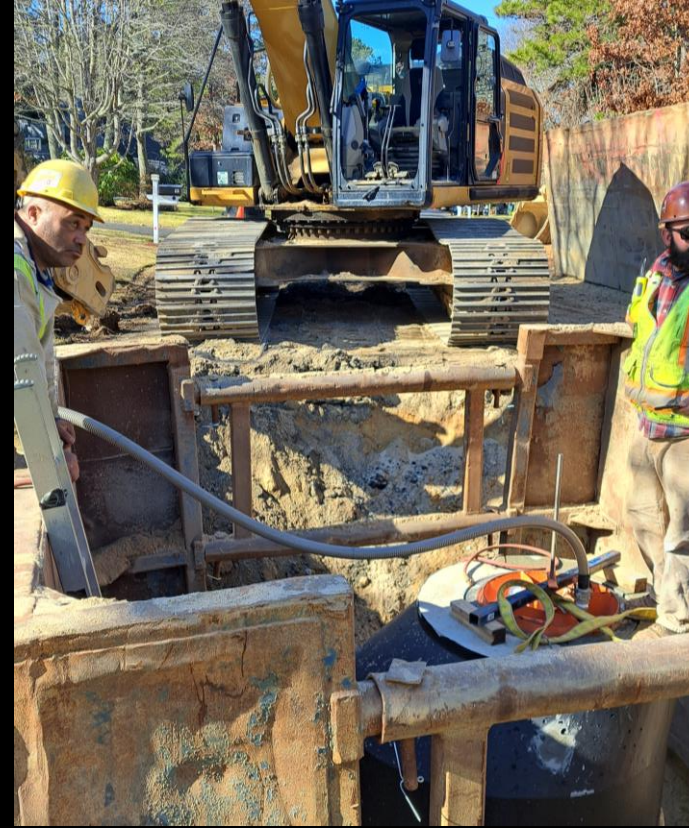
COLLECTION SOUTH: SIMONS NARROWS START

- 8" main on Simons Narrows
- 12" main on Mashpee Neck Road -
Simons to Lift Station
- Lift Station Site



Materials- Equipment

- Main Installation
- Manholes
- 12" SDR Main



MATERIALS

Manhole Installation



Chimneys



Material Stocking area



CARLTON MAIN & MANHOLES



MASHPEE NECK MAIN

8" Gravity

6" Force Main



Manhole



SWAIN SERVICE CONNECTIONS



SEWALL DRIVE

Temporary Paving



Avoiding Utilities



LIFT STATION

Exterior



Wet-Well



ASHERS APARTMENTS (MHA)



WRRF Project Construction

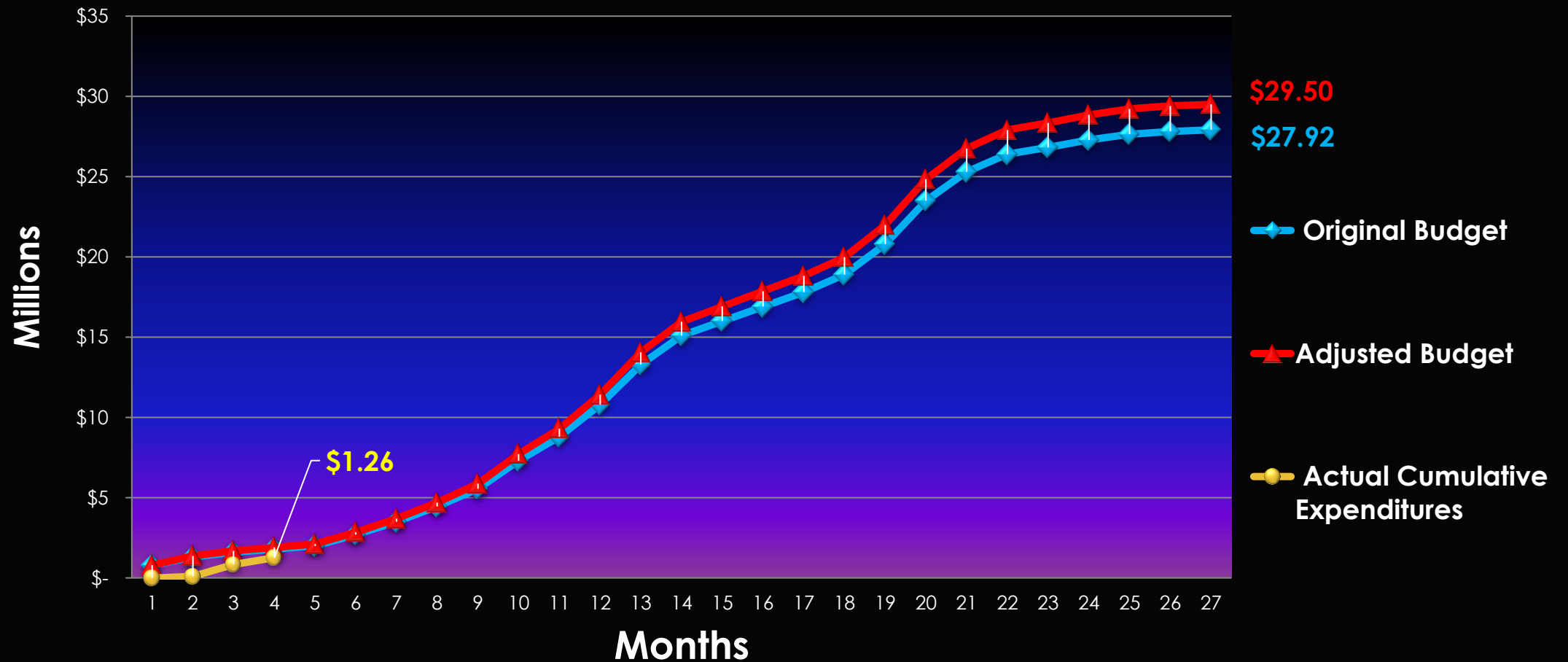
Project Item

Costs

Original Construction Contract	\$27,905,000
Adjusted Contract Value	\$29,502,000
Completed (January – 4.3%)	\$1,262,200
Started: 790 Days Remaining: 670	(NTP) October 3, 2022
Final Completion:	December 1, 2024
Start up:	October 2, 2024
Potential Change Orders	\$1,597,000

Mashpee WRRF – Cash Flow

Cash Flow



Collection System North Project Construction

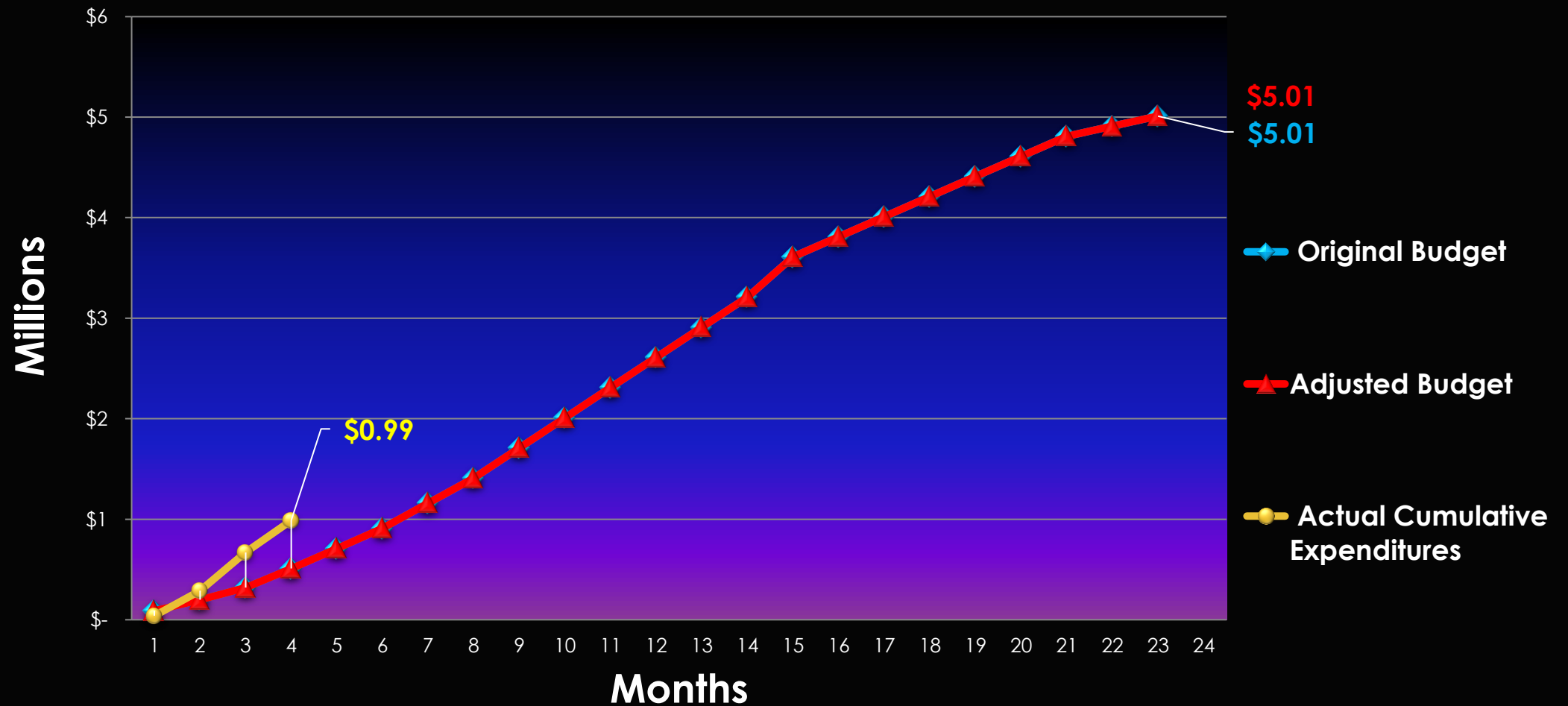
Project Item

Costs

Original Construction Contract	\$5,024,198
Adjusted Contract Value	\$5,024,198
Completed (January – 19.6%)	\$985,089
Started: 679 Days Remaining: 559	(NTP) October 3, 2022
Final Completion:	August 12, 2024
Main Completion:	July 4, 2024
Potential Change Orders	\$0

Collection System North– Cash Flow

Cash Flow



Collection System South Project Construction

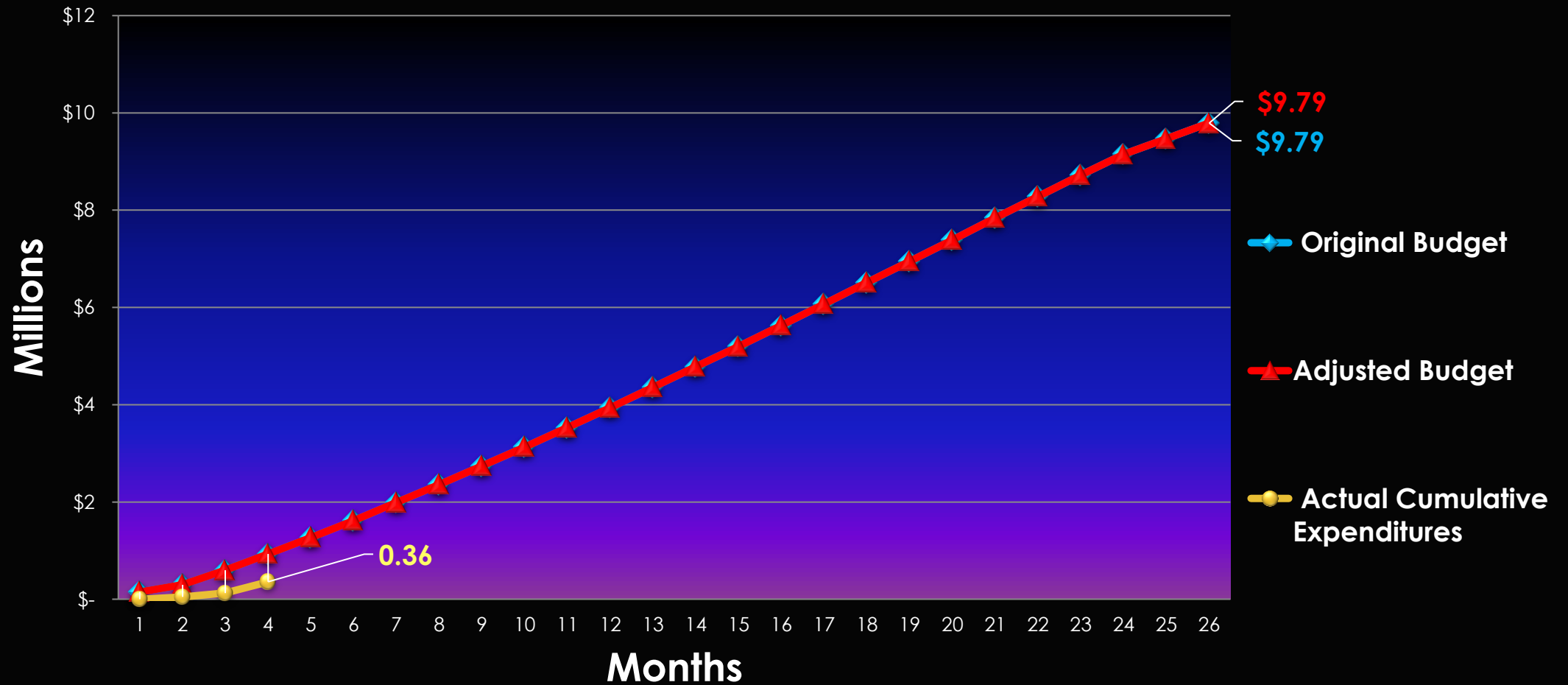
Project Item

Costs

Original Construction Contract	\$9,806,731
Adjusted Contract Value	\$9,806,731
Completed (January – 3.6%)	\$354,380
Started: 790 Days Remaining: 670	(NTP) October 3, 2022
Final Completion:	December 1, 2024
Main Completion:	November 1, 2024
Potential Change Orders	\$0

Collection System South – Cash Flow

Cash Flow



Upcoming Feb. - Mar. 2023

WRRF

Excavation for:

Process Tanks

Foundations

Underground Piping

NORTH

Sewall Main

Sewall Services

Butler Main

Sea Oaks Main

Drew Main

Ashers Main

Route 28 Mains

SOUTH

Simons Narrows Services

Mashpee Neck Road Main

MassDEP SRF Update

- 0% interest approved January 2023 (\$54M)
- Draft IUP released in December 2022 – Mashpee on list (\$12M)
- Final IUP list not yet released (January 2023)
- May Town Meeting Article

MASHPEE RIVER



MASHPEE RIVER BOAT TOUR



MASHPEE RIVER BOAT TOUR



MASHPEE RIVER BOAT TOUR



MASHPEE SUNSET



CHILDS RIVER RESTORATION

Falmouth Rod & Gun Club - \$3M, Aug-21

Falmouth, Mashpee & others

Removal of old earthen dam

Culvert Replacement

Replace failed fish ladder

Farley & Garner cranberry bogs restored to natural habitat, 4 new freshwater ponds created

Purpose – Restore Brook Trout, American Eel



PARTNERSHIP

The Childs River restoration partners and funders include the Falmouth Rod and Gun Club, the Sporting Safety Conservation and Education Fund, U.S. Fish and Wildlife Service, the towns of **Mashpee and Falmouth**, MassWildlife, Waquoit Bay National Estuarine Research Reserve, Massachusetts Division of Ecological Restoration, the Massachusetts Department of Conservation and Recreation, the Massachusetts Division of Marine Fisheries, Inter-Fluve, the Association to Preserve Cape Cod, Luciano's Excavation Inc., Trout Unlimited, Ducks Unlimited, the Falmouth and Mashpee Community Preservation Committees, Woodwell Climate Research Center, the U.S. Fish and Wildlife Service's National Coastal Wetland Conservation Grant program, the U.S. Environmental Protection Agency through collaboration with Restore America's Estuaries Southeast New England Program watershed grants, the Massachusetts Environmental Trust, the Cape Cod Foundation, the Living Observatory, the USDA Natural Resource Conservation Service, Sea Run Brook Trout Coalition and the Friends of the Mashpee National Wildlife Refuge.

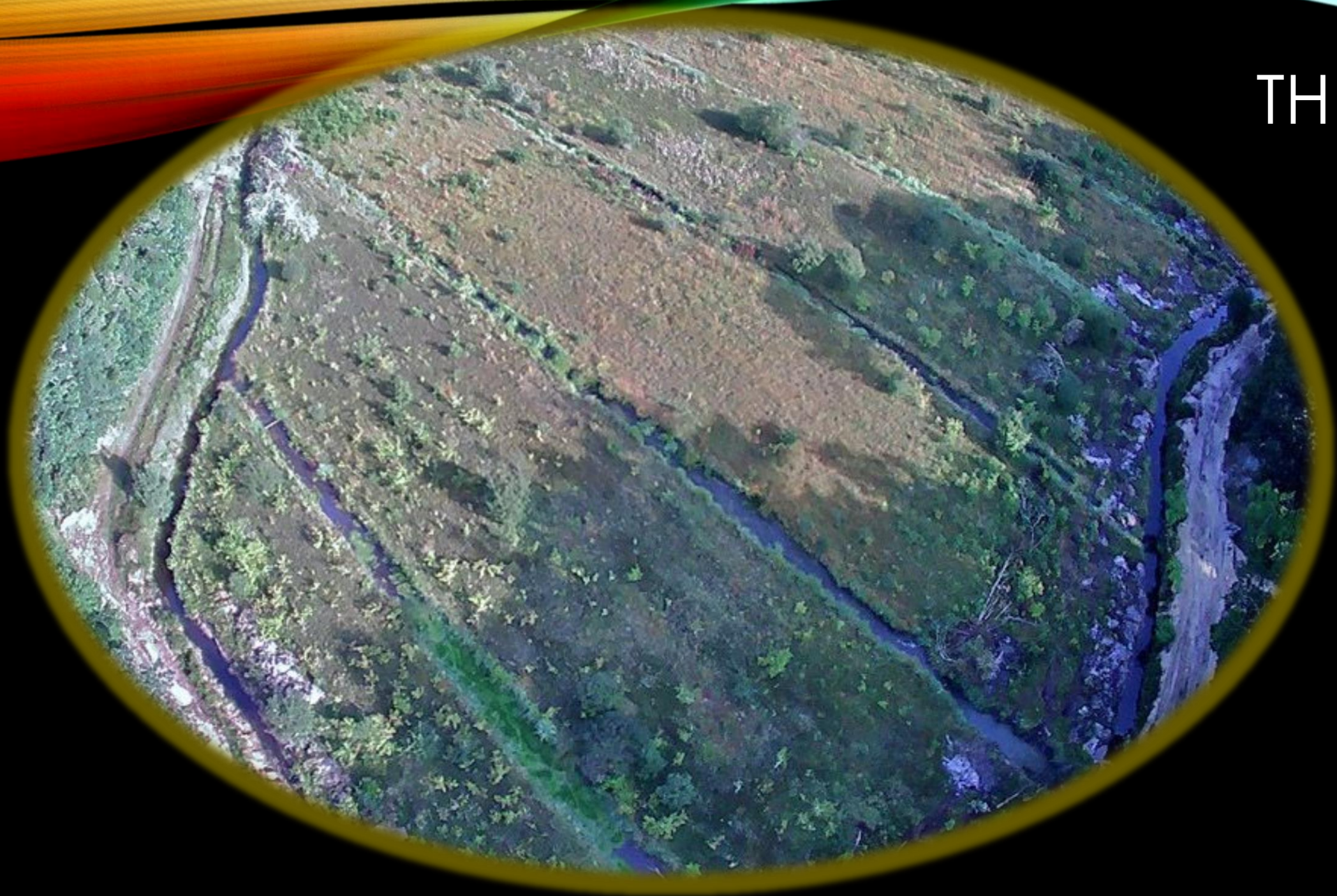
THEN



NOW



THEN



NOW



THEN



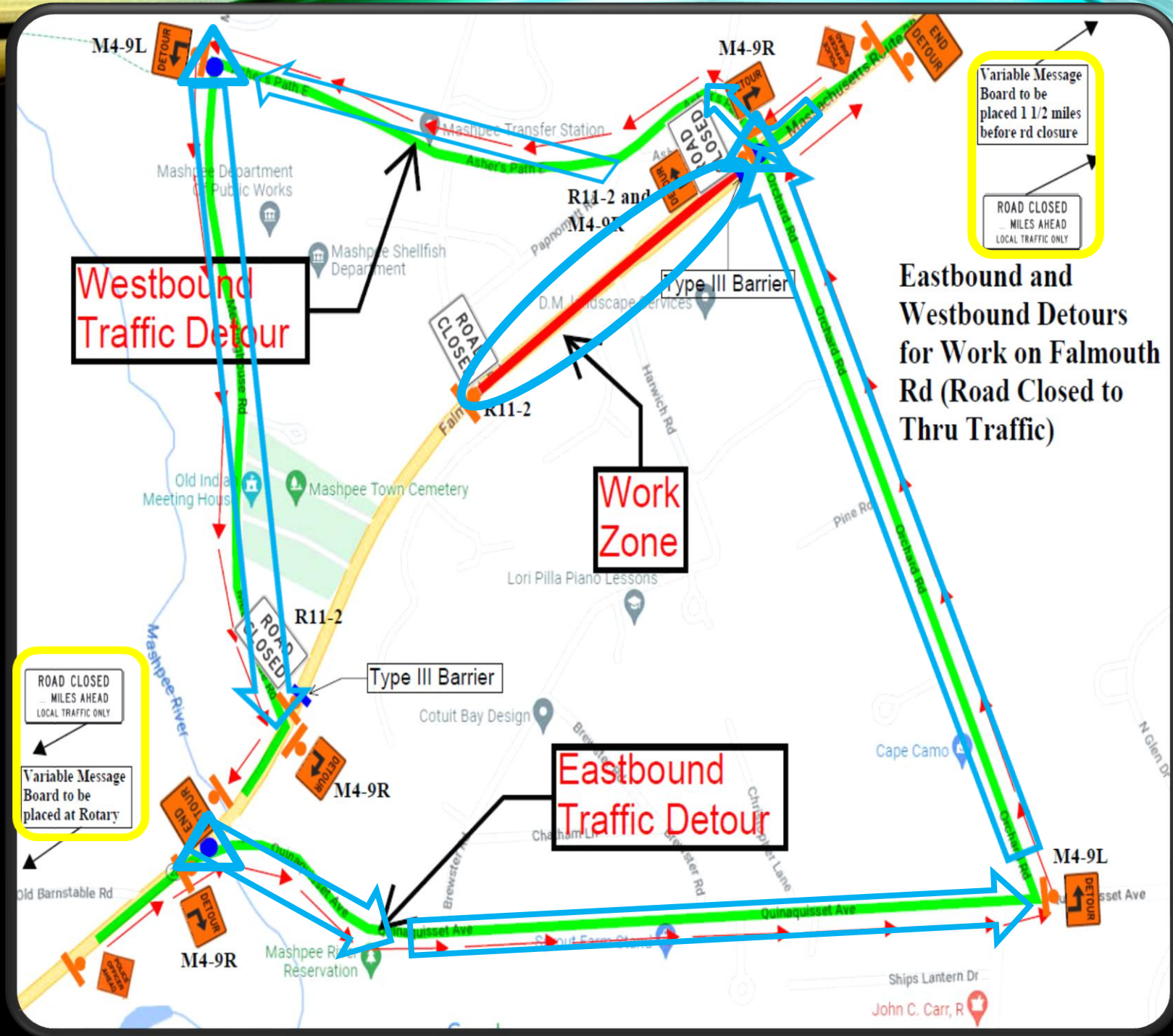
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CHILDS RIVER RESTORATION



ROUTE 28 DETOUR



CLEAN WATER: AN INVESTMENT FOR THE FUTURE

